## **Claims**

1.

1		A me	thod of making a c	ontainer that	includes the st	teps of:	· .	• .
2		(a)	providing a cont	ainer having	a neck,	•	· · · ·	
3		(b)	providing a conta	ainer attachm	ent having a c	ircumferentia	ally contir	nuous
4 .	ring,							
5		(c)	telescoping said	ring over said	d neck, and			· .
6		(d)	radially expandin	g at least a po	ortion of said no	eck to secure	said attach	nment
7	to said neck.					•		
•							•	
	•			2.		•		•
1		The m	nethod set forth in o	claim 1 where	in said attachn	nent has at lea	ast one ex	ternal
2	thread segmen	nt.						
				3.		·	•	
1		The n	method set forth in	n claim 1 wh	nerein said att	achment inc	ludes a h	andle
2	coupled to sai	coupled to said ring.						
				4.				
1		The m	nethod set forth in	claim 1 where	ein said step (a	) includes pr	oviding at	t least
2	one external e	engagen	nent element on sai	id neck to eng	gage said ring	upon expansi	on of said	l neck
3	in said step (d	i):						

The method set forth in claim 4 wherein said step of providing at least one external engagement element includes providing spaced beads on said neck for engaging said ring.

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6.

The method set forth in claim 1 wherein at least one of steps (a) and (b) includes providing at least one anti-rotational feature on at least one of said neck and said ring.

7.

The method set forth in claim 6 wherein said providing step includes providing knurling on at least one of said neck and said ring.

8.

The method set forth in claim 6 wherein said providing step includes providing at least one lug on one of said neck and said ring and at least one corresponding pocket on the other of said neck and said ring such that said at least one lug engages said at least one corresponding pocket.

9.

The method set forth in claim 1 wherein step (d) includes axially driving an anvil into said container to radially outwardly expand at least a portion of said neck into engagement with said attachment.

1	The method set forth in claim 9 wherein said step (a) includes providing at least					
2 -	one external engagement element on said neck to engage said ring upon expansion of said neck					
3	in said step (d), further wherein said anvil simultaneously expands a finish portion of said neck					
4	and said at least one external engagement element on said neck.					
	11.					
1	The method set forth in claim 9 wherein said step (a) includes providing at least					
2	one external engagement element on said neck to engage said ring upon expansion of said neck					
3	in said step (d), further wherein said anvil expands said at least one external engagement element					
4	on said neck but does not expand a finish portion of said neck.					
	12.					
1	A container produced by the method of claim 1.					
	13.					
1	A method of making a handled container that includes the steps of:					
2	(a) providing a container having a neck,					
3	(b) providing a handle having a circumferentially continuous ring,					

telescoping said ring externally over said neck, and

radially expanding at least a portion of said neck to secure said handle to

(c)

(d)

said neck.

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The method set forth in claim 13 wherein said attachment ring includes at least external thread forming an externally threaded finish when said ring is secured to said neck in said step (d).

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15:

The method set forth in claim 13 wherein said neck includes at least one external thread, a capping flange, and a pair of spaced beads.

16.

The method set forth in claim 15 wherein said neck and said pair of spaced beads are smaller in diameter than that of said capping flange and said at least one external thread, and wherein said step (d) includes expanding that portion of said neck having said spaced beads without expanding that portion of said neck having said capping flange or said at least one external thread.

17.

The method set forth in claim 13 wherein at least one of steps (a) and (b) includes providing at least one anti-rotational feature on at least one of said neck and said ring of said handle.

18.

The method set forth in claim 17 wherein said providing step includes providing knurling on at least one of said neck and said ring of said handle.

The method set forth in claim 17 wherein said providing step includes providing at least one lug on one of said neck and said ring and at least one corresponding pocket on the other of said neck and said ring such that said at least one lug engages said at least one corresponding pocket.

20.

The method set forth in claim 13 wherein step (d) includes axially driving an anvil into an open end of said container to radially outwardly expand at least a portion of said neck into engagement with said ring of said handle.

21.

A handled container produced by the method set forth in claim 1

22.

A method of making a handled container that includes the steps of:

- (a) pressure molding a preform having a body and a neck with at least one external engagement element,
  - (b) providing a handle having a circumferentially continuous attachment ring,
- (c) blow molding said body of said preform to form a body of a container having said neck extending therefrom, and
- 7 (d) either prior to or subsequent to said step (c):

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(d1)	telescoping said ring of said handle over said neck of said container unti
said ring is adjacent t	o said at least one external engagement element, and then

(d2) expanding at least a portion of said neck containing said at least one external engagement element radially outwardly into engagement with said ring to secure said handle to said neck.

23.

A handled container produced by the method set forth in claim 22.

24.

A container that includes:

a body,

a neck extending from said body, and

an attachment that includes an attachment ring encircling a portion of said neck, said portion of said neck being strain hardened by radial expansion against an inside diameter of said attachment ring.

25.

An attachment for a container having a body and a neck extending from said body wherein said neck includes a pair of external engagement beads, said attachment includes a ring having an internal diametrical surface having at least one anti-rotational engagement feature, wherein said attachment is adapted for securement to said neck of said container between said pair of external engagement beads by radially outward expansion of said neck and further wherein said pair of external engagement beads axially restrain said ring and said at least one

- 7 anti-rotational engagement feature rotationally restrains said ring from movement relative to said
- 8 container.